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|   |  | APPLICANT<br>Michihiko KATAOKA and Sakayu SHIMIZU |                                   |
| INFORMATION DISCLOSURE STATEMENT<br>BY APPLICANT<br><br>(Use several sheets if necessary) |  | INTERNATIONAL FILING DATE                         | GROUP                             |
|   |  | 14 February 2003                                  | Not Yet Assigned                  |

## U.S. PATENT DOCUMENTS

| Examiner Initial | CiteNo. | U.S. Patent Document Number | Date      | Name          | Class | Subclass | Filing Date If Appropriate |
|------------------|---------|-----------------------------|-----------|---------------|-------|----------|----------------------------|
|                  | A1      | 4,156,100                   | 5/22/1979 | Boguth et al. |       |          |                            |
|                  |         |                             |           |               |       |          |                            |
|                  |         |                             |           |               |       |          |                            |
|                  |         |                             |           |               |       |          |                            |
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|                  |         |                             |           |               |       |          |                            |
|                  |         |                             |           |               |       |          |                            |

## FOREIGN PATENT DOCUMENTS

|    |    | Document Number | Date     | Country | Class | Subclass | Translation |    |
|----|----|-----------------|----------|---------|-------|----------|-------------|----|
|    |    |                 |          |         |       |          | Yes         | No |
| SS | B1 | EP 1 074 630    | 2/7/2001 | Europe  |       |          |             |    |
|    |    |                 |          |         |       |          |             |    |
|    |    |                 |          |         |       |          |             |    |
|    |    |                 |          |         |       |          |             |    |

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

|   |    |   |
|---|----|---|
| SS  | C1 | Kataoka, M. et al., "Old Yellow Enzyme from <i>Candida Macedoniensis</i> Catalyzes the Stereospecific Reduction of the C=C Bond of Ketosiphorone," <u>Biosci. Biotechnol. Biochem.</u> , vol. 66, no. 12, pp. 2651-2657 (2002)            |
| SS  | C2 | Wanner, P. and Tressl, R., "Purification and Characterization of Two Enone Reductases from <i>Saccharomyces Cerevisiae</i> ," <u>Eur. J. Biochem.</u> , vol. 255, pp. 271-278 (1998)  |
| SS  | C3 | Wada, M. et al., "Production of a Doubly Chiral Compound, (4R,6R)-4-Hydroxy-2,2,6-Trimethylcyclohexanone, by Two-Step Enzymatic Asymmetric Reduction," <u>Applied and Environmental Microbiology</u> , vol. 69, no. 2, pp. 933-937 (2003) |
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| EXAMINER  |    | /Satyendra Singh/   |
| DATE CONSIDERED   |    | 07/21/2006  |
| Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. |    |   |